BAD HOUSING A CLOG ON WAR WORK

Concentration of Labor Around Munition Factories and Shipbuilding Yards Causes Condition Government Must Tackle ·

By Katharine Wright

HE war has added a new insistence to the need for decent living conditions for the workers gathered about our great factories. The "housing question," long the almost exclusive possession of social students and economic reformers, has suddenly become one of the great problems of the nation. For bad housing stands squarely across the path of our great war supplies programme.

The national government, slow in sensing this danger amid the multiple demands that followed our unprepared entrance into the conflict, has moved at last and its action is beginning to bear fruit. A hundred million dollars has been apportioned to meet this need and is being spent. Enough has been done to give light on how the rest can be done, but not senough to more than touch the for the amusement of the workers edges of the great need. This ar- has been made. ning the war and the means by lowers ambition. which it is to be done.

as were revealed in the Pittsburgh loss of 3 per cent of the working survey-of their efficiency as breed- time. ing places of rebellious discontent, According to the Philadelphia sickening waste, disease, immorality Housing Association, Philadelphia's and crime.

War Brings a New Point of View

lem immeasurably and has brought government officials from a new home with a power which the humanitarian and social arguments never had. For our mushroom muof workers into places where decent living could not be had for any 500 cubic feet each.

man cannot do good work.

War came with a rush to many communities. Take, for example, one drowsy little town on the lower so forth, and thus impedes our progreaches of the Delaware River. In ress in winning the war. 1914 it was dreamily pursuing the The Cost of routine of a commonplace existence. It had a population of about 14,000, Replacing Men

shipyards.

Munition Workers Sleep in Garage

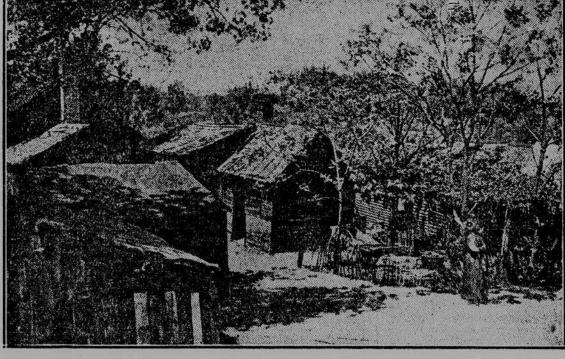
To-day this town has a population of 80,000. Only 1,300 houses have been added to those already standing in 1914. Some 140 or more employes of one shipbuilding company live in a garage and there are seventy-eight more in an old building where every room is crowded with double-decker beds. Twenty men sleep in the old poolroom on the ground floor and from six to twelve in each room upstairs. A yard water closet is the only toilet for these men, and a yard hydrani and a sink the only water supply.

Decreased productive power due to housing evils is a slipping cog in the great American war machine. A sickly workman will in a short time be an inefficient workman, and if the output of war industries is to be satisfactory it is of the utmost importance that the health of the workers be guarded.

At present the vitality of workers is lowered by disturbed sleep that brings with it little or no refreshment. Sometimes the bedding is insanitary, vermin infested. Sometimes the sleeping quarters are badly overcrowded.

Added to the disadvantages of loss of sleep, there is lack of relaxation for waking hours in labor camps A FEW CAUSES OF INEFFICIENT LABOR ON WAR WORK





Workers' hovels on the outskirts of a factory town.

A war workers' room-used by three

shifts, who keep the beds filled

twenty-four hours a day.

ticle and others to follow it pre- Moral degradation soon results sent facts which should be known from lack of privacy, while physical to every one interested in our win- discomfort induces discontent and

American wage earners lose on an For years before the storm broke average about nine days a year the country had been learning slow- because of sickness alone. On a ly of the evils that infest the city basis of 300 working days during slums and the squalid cabins such the year, this would be an average

death rate increased from 16.16, a thousand in 1916 to 17.1 in 1917, as the workers flocked into the war plants there. New York's death it home to industrial captains and mortality rate, 100.8 in every 1,000 lows: in 1916, was 111 a thousand last York and 88.8 for Chicago.

In certain labor camps where congestion reigns some 2,877 men are Canning nition plants have drawn thousands allowed less than 300 cubic feet of air space each; only 100 are allowed

ence that without decent living a stant shifting of men from one plant stances reaches 500 per cent.

About 8,300 dwellings were innabled the by an average of between four and had. While the Bureau of Labor impossibility to find comfortable by an average of between four and had. While the Bureau of Labor impossibility to find comfortable in 1917 the motor industry furnished finished products valued at to the programme of the Emergency or less, while in 10 camps workers and nitrate powder plants have re-

Negroes came in droves from the pany, twenty metal plants in the South and there were race riots. Middle West were forced to hire a turnover of 1,100 per cent.

Professor Carleton Parker finds requisite number of skilled me-, and paper making—has increased The war has added to the prob-Chicago 13.78. Philadelphia's infant in certain kinds of work is as fol- England is more advanced than according to a comparison of the increase in the demand for suitable tile, insulators, tableware, conduits,

A dormitory at one of the big shipbuilding plants.

to another, with the consequent River Shipbuilding Company re-In December, 1917, the Fore to enter the army. force 2,500.

Munition works at Bridgeport hem Steel Works engaged 32,000 dertaken. Every new or expanded ployment and it is now directing an capita. of which 13 per cent was negro. It According to records dealing with men to effect an increase of 12,000.

a sewer system and filtered water No complete survey of the amount at great effort and expense. After a sewer system and intered water supplied by a private company, of labor turnover in plants through at great effort and expense. After already in existence, in About 8,300 dwellings were inhabited out the country is as yet to be other 120 having left owing to the labor of labor in 1917 the motor in

vice corporation admitted a labor of a hundred plants.

used that had no water and no labor turnover for these plants was had a floating population of 2,000 workers and problems.

several large manufacturing con- Hog Island, reported that 136,000 steel, car building and repairing, ci- yards working on large ships for Fifty per cent of all persons of- induced by the war, has not only twenty-seven different types in several large manufacturing concerns would be 100 per cent, some men had been hired during the pre- gar manufacturing, automobile man- the Emergency Fleet Corporation fered appointments by the Civil Ser- Eccled to the general congestion, but enty combinations. Every house is

the total amount of its payroll, constantly increased, with a relative ware, apparatus, sewer pipe, hollow the United States in the housing of payroll for March, 1918, with that accommodations. Days her workers. She has invested \$700,- of February, 1918. This increase

she still has cities and districts that Woollen, hosiery and underwear provision by individual homes, Chemical Oils and Paint—Oils, have escaped methodical and thor- and cotton manufacturing show the apartments and dormitories for the ref. and gr. mfg., jobbers, paints, Losses from labor turnover in the ough housing measures. For ex- largest increases, of 23.6 per cent, last year in a group of twelve metal ample, it is a matter of record that 17.8 per cent, 15.7 per cent, respectworking factories totalled \$831,000. owing to deterioration due to bad ively, while the increases of the provided. money. And the great directors of duce big labor "turnovers," the confrom Manchester were physically fit 14.8 per cent.

deavor to improve conditions of the United States.

the problems of factories that were serve. There were almost no houses and mill camps. Here again a high

\$1,000,000,000. These included cars, Fleet Corporation, in 1918 housing could not be persuaded to remain

yards on New York Harbor and the ing in the District of Columbia. The The monthly output of shoes by vicinity occupied in constructing following table shows the situation:

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The monthly output of shoes by vicinity occupied in construction of the con South and there were race riots. Middle west were forced to mire a Single family dwellings were con- total of 69,000 men in order to In April, 1918, R. E. Lee, of the leather industry amounts to and repairing ships for the Emerverted into rooming houses with a maintain an average of 44,000 Firestone Company, stated that 1,500,000 Pershing trench shoes, gency Fleet Corporation and the toilets, with leaking roofs and flooded cellars. Accommodations were imperative for the thousands of last year in fifty-seven Detroit

The average turnover for these plants was men a week; many hundreds of the following thirteen submarines, submarine chasers and other small craft. In 1914 about take their trunks from the station.

Total.

Total.

all spent by any means-but even The housing problem affects each.

Courtesy of "The Survey."

already in existence, multiplied by ready for them.

shore of Staten Island, Newark ed by improvement in industrial Bay-60,000 new workers have been housing: brought to Newark by war indus- Casting-Aluminum and brass, tries-Newburgh, N. Y., and Port malleable steel, gray iron.

extra men will be needed.

On the north shore of Staten forgings (light, heavy), gun forg-Island there are three large yards ings, shell forgings (light, small), working on Emergency Fleet Cor- stampings (heavy, light), sheet poration contracts. Some of the metal workers (heavy, light). workmen live in Brooklyn and Man-Rubber Products-Solid tires, hattan, and a few in The Bronx. pneumatic tires, tubes and accesferry, subway or elevated train. On footwear, ball, airplane fabric, medi-Newark Bay there are three new cal supplies, gas masks, hard ruband large shipyards, employing up- ber. ward of 7,250 men. This number is Clay Products-Chemical stone-

In the Philadelphia district alone bar metal products.

accommodation of more than 18,000 paint division, varnish division, shel-The labor camps throughout the Automotive (Textiles and Cloth-

In February, 1918, 7,157 men and the munitions factories and ship- alls, sewing machine products, uni-The size of the problem that con- 4,058 women were employed in cer- yards from defective housing. Sleep- forms, garments, caps and hats, fronts the government in its en- tain munitions plants throughout ing quarters, for example, are great- woollens. ly overcrowded, the beds are usually | Engineering (Wood and Leather) housing for war workers by appro- In 1916-'17 the United States infested with vermin, and men are -Paper boxes, wood cases, leather, hired 10,000 men to increase the working force 2,500, while Bethle-

percentage of labor turnover was If New York yards are to produce noticed. In 1917 in 39 camps labor-

ceased so the demand for workers According to W. A. Grieves, of had to be met from native sources. the Jeffery Manufacturing Compercent a year, and one public ser-increased—and the housing problems There are some eighteen shipseriously hampered by lack of hous-

firms have increased to 400 per cent. vious six months in order to get the ufacturing, leather manufacturing employed only 1,430 men in 1914, vice Commission are now declining created family problems of a most

"Take a Roomer" Campaign in Some Districts Causes New Family Problems Where Excessive Crowding Raises the Death Rate

scrious nature and raised the death

When one roomer has been taken in there is nothing to prevent an ofrer and another being added to the family group. Bridgeport was one of the first cities to suffer from the roomer evil. When the rapid industrial expansion produced an increase in population of about 70 per cent in two years, homes that had never before been open to strangers responded to patriotic appeal and threw open their doors. For a time six and seven people slept in one

Besides increasing the death rate. overcrowding, bad ventilation and defective sewerage produce constant sickness. Workers are constantly attacked by rheumatism, colds, typhoid and tuberculosis.

3,800 in April, 1917, and 14,500 in appointments, owing to the shortage Meanwhile, architects have been January, 1918. Probably 26,000 of housing accommodations. Others busy drawing plans for workingmen's dwellings, and now as never Districts in need of additional Workers in the following war inbefore both looks and comfort have housing facilities are the north dustries will be among those affectbeen seriously taken into consideration, while the lessons learned from past experiences are being used in bettering modern construction.

One of the largest and most atare to be ready for occupancy in October, and another thousand is just

brick (fire, paving, building). Machinery and Machine Products

-Electrical appliances, machinery, machine shop equipment specialties,

are not taking examinations.

lizers, ind. chem.

country have suffered as severely as ing)-Knit goods, shorts and over-

engaged on army and navy contracts pany, to have special charge of the shipyard, gun or shell factory, aero- average of 100,000 persons monthly. In Ohio, alone, there are 108 labor has varied considerably. In some development, and appointed Wal-On the other hand, increase of labor the construction as "engineer-mana-If New York yards are to produce noticed. In 1917 in 39 camps labor- for thousands of men. Arsenals, Selectus D. Litchfield, of New York was selected as the architect War came. Four munitions problem for over two years, the plants selected neighboring sites for result of its investigations has not discovered that their labor turnover machines. In order to accomplish 1,500 workmen in shipyards on and the centre of the government at Washington is being most being most of the public utilisment at Washington is being most of the public utilisment at washington is bein ment at Washington is being most recreation buildings and public utili-

greatly reduced, if we are to win way from the shipyard, which ter-

Forgings and Stampings-Drop tractive settlements now under construction for the housing of war workers is at Yorkship Village, near Camden, N. J., where the United States will soon house thousands of shipworkers, employed by the New This means a long trip by trolley, sories, mechanical goods, clothing, ufacturing ships for Uncle Sam. The first thousand of these houses

being put under construction. When completed the village will house close to ten thousand people. The Emergency Fleet Corporation, some months ago, organized a de-

partment of housing and transportation, with Merritt Taylor, the well known transportation expert, as director, with J. Willison Smith, of the Land Title Company, of Philadelphia, as assistant director. Mr. Kohn, the well known New York architect, was made director of production, and he has organized an efficient staff which includes town planners and landscape architects from this locality. Under the direction of the government, the New York Shipbuilding Corporation or-

plans for transforming a suburban farm on the outskirts of Camden the Delaware River. Of the first systems, modern plumbing, up-to-date toilet fixtures, electric light, date toilet fixtures, electric cellar furnace, hot water and gas

most of the houses are of brick, a few of stone, stucco or frame. It is said that Yorkship's order for brick was the largest of its kind ever given. It is being furnished by five different manufacturers, and will be varied in color to properly. varied in color to prevent monotony The majority of the houses have slate roofs. Four kinds of roofing material are being used. These include a new one, which so success fully gives the effect of old-fash oned ribbed copper or red tin that only an expert can detect the dif-ference. One group of houses has gable roofs, another flat roofs, and another roofs like those on the old Colonial houses of Salem and Ports mouth.

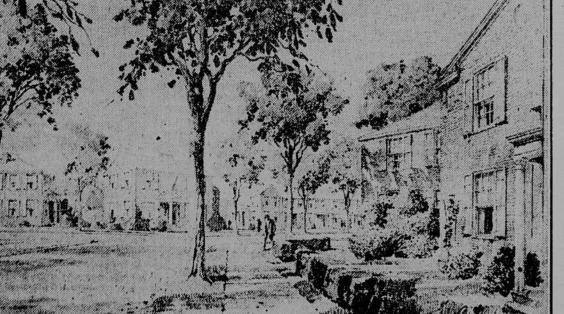
Another device by which Mr Litchfield has fought samenes is the use of twenty different types of

The plan provides for broad streets and drives. The streets will be named for American naval heres or for famous American ships. There will be a Paul Jones Street, Constitution Street and an Albeman Square. There will be backyar-public squares and playgrounds near

the schools.

There will also be churches, moring picture theatres and suitable actions of the schools. commodations for a police force, a fire department and a Red Cross sta-

At present there are between 3,000 and 4,000 workmen on the job; nearly 500 dwellings are unier roof, and the number is increasing by twenty to thirty per day.





and communities where no provision Yorkship Village, near Camden, is to be one of the first of the model housing towns completed for the use of war workers. These two architects' drawings show the type of houses that are now being built there.